



บริษัท น้ำมันอพลโล (ไทย) จำกัด
APOLLO (THAILAND) CO., LTD.



DAPHNE SUPER DRAW S SERIES

High Performance Press Oil

1. General

DAPHNE SUPER DRAW S Series are high-performance press working oil formulated with hydro-treating base oil, blended with effectively extreme pressure and oiliness agent and various additives.

2. Application

DAPHNE SUPER DRAW S Series is a non-chlorine-based high-performance press working oil that can be used widely in the press working carbon steel plate, galvanized steel plate.

3. Characteristics

1. Environmental friendly due to non-chlorine type.
2. Anti-rust and prevent color of metal surface change.
3. Extend mold life due to high lubricity.

4. Typical Specification

| | | | <u>S10</u> | <u>S30</u> | <u>S50</u> | <u>S120</u> | <u>S200</u> | <u>ASTM</u> |
|------------------|----------------|--------------------|------------|------------|------------|-------------|-------------|-------------|
| Density | @15°C | g/cm ³ | 0.8536 | 0.8739 | 0.8834 | 0.9037 | 0.9257 | D-1298 |
| Color (ASTM) | | | L6.5 | L7.0 | L6.5 | L7.5 | D8.0 | D-1500 |
| Flash point | C.O.C. | °C | 172 | 196 | 216 | 264 | 242 | D-92 |
| Viscosity | @ 40 °C | mm ² /s | 13.65 | 34.70 | 57.24 | 118.8 | 206.7 | D-445 |
| Acid Number | | mgKOH/g | 0.52 | 0.55 | 0.53 | 0.59 | 0.77 | D-974 |
| Saponification | | mgKOH/g | 37.0 | 37.0 | 37.5 | 38.0 | 38.5 | - |
| Sulphur content | wt% | | 0.90 | 0.93 | 0.90 | 0.99 | 1.00 | - |
| Copper corrosion | 100°C x3HRs | | 4(4C) | 4(4C) | 4(4C) | 4(4C) | 4(4C) | D-130 |

5. Caution

1. If contact to skin should be wash out with soap. May it affected to skin irritation.
2. Not recommended to use with alloy steel.

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or E-Mail : order@apollothai.com
- Due to continual product research and development, the information contained herein is subject to charge without notification.

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